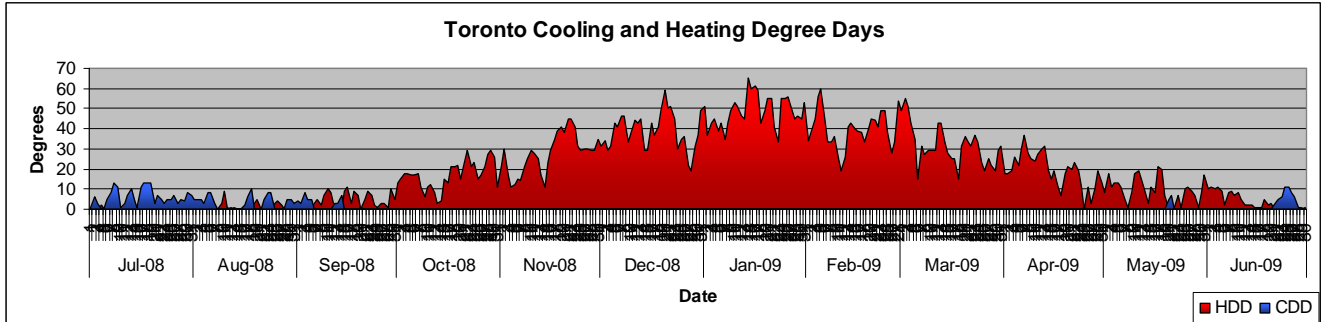
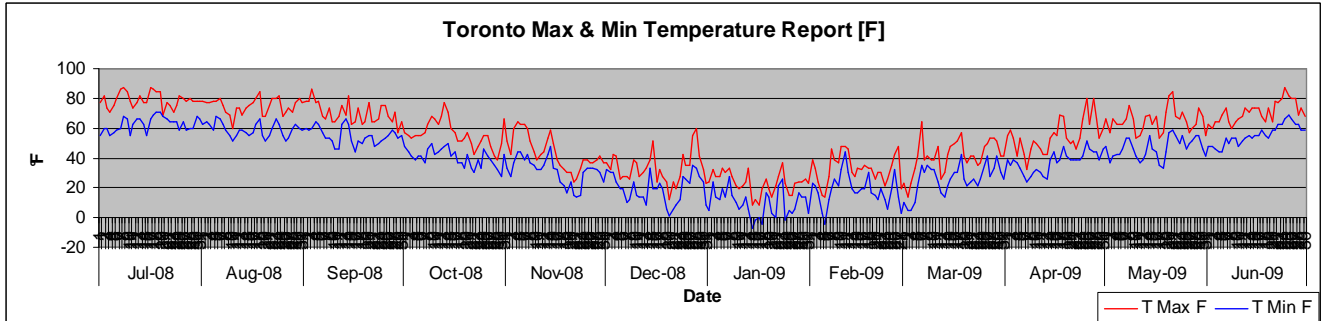


Toronto, Ontario

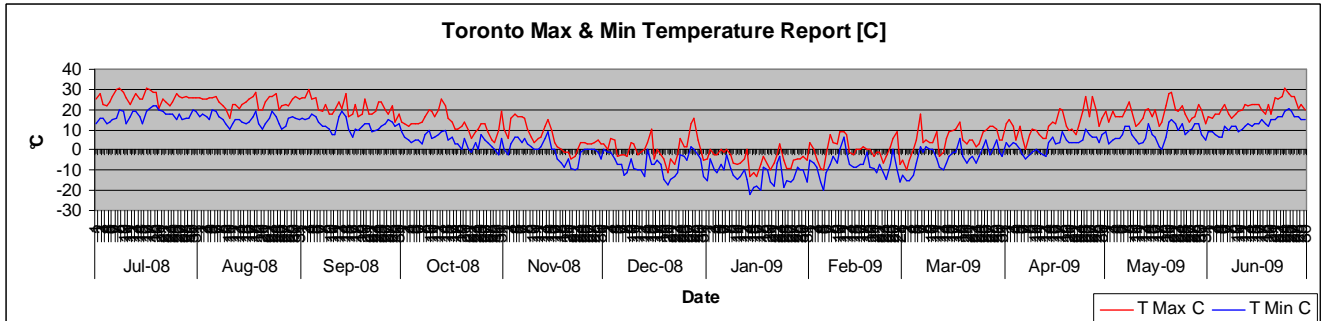
Weather Charts



Avg. T°[F] per month



Avg. T°[C] per month



Weather Breakdown

Month/Yr	hrs/yr <46[F]	Avg[F] <46[F]	hrs/yr <60[F]	Avg[F] <60[F]	HDD/yr	CDD/yr	hrs/yr >65[F]	Avg[F] >65[F]	hrs/yr >75[F]	Avg[F] >75[F]
	3,936	28	6,192	37	7,257	382	1,656	71	192	77
Month	hrs <46 [F]	Avg[F] <46	hrs <60 [F]	Avg[F] <60	HDD	CDD	hrs >65 [F]	Avg[F] >65	hrs >75 [F]	Avg[F] >75
Jul-2008	0		0		2	187	720	71	144	77
Aug-2008	0		48	58	31	91	432	70	0	
Sep-2008	0		312	57	120	39	216	69	0	
Oct-2008	264	41	696	47	520	0	0		0	
Nov-2008	552	33	720	37	826	0	0		0	
Dec-2008	720	26	744	26	1,196	0	0		0	
Jan-2009	744	16	744	16	1,507	0	0		0	
Feb-2009	648	25	672	26	1,105	0	0		0	
Mar-2009	648	31	744	34	974	0	0		0	
Apr-2009	312	39	672	45	574	1	24	66	0	
May-2009	48	45	576	53	292	12	48	71	0	
Jun-2009	0		264	57	110	52	216	71	48	76

The City Heating Season chart depicts the normal months of the year when your sites heating system is in operation. It is not unusual in many areas of the country that your normal site heating system may operate prior to October or after May. When the AMS Waste Heat Recovery Unit is in operation will be up to the individual site regulated by temperature setting.

City Heating Season		
Heating Mo's	Hr's ≤60F ^o	Avg F ^o ≤60
Oct-2008	696	47
Nov-2008	720	37
Dec-2008	744	26
Jan-2009	744	16
Feb-2009	672	26
Mar-2009	744	34
Apr-2009	672	45
May-2009	576	53
Total	5,568	36

Cost Savings

These are examples only. There are many variables that affect the actual outcomes. These would include GPM, temperature of incoming liquid and make-up, fan cfm, size restrictions, current cost of current heating fuel and type of plant heat used. Each AMS Waste Heat Recovery Package Unit is tailor designed to your specific site and needs so that we get the most MMBTU's from your waste heat, heat that is currently going out the stack. Many times, depending upon a sites waste heat availability, multiple units can be deployed multiplying the savings.

Fuel cost/unit	\$7.5000
Fuel BTU/unit	1000000
Efficiency rating of heater	65.00%
Total effective cost of heat in MMBTU**	\$11.54

Example 1:

MMBTU/hr	0.430
hrs ambient temp <60 deg F/yr	5568
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$27,625.85

Example 2:

MMBTU/hr	0.713
hrs ambient temp <60 deg F/yr	5568
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$45,807.51

****Cost of heat in MMBTU:** Assumption: Gas Fuel Steam Heat at \$7.50/unit